

1/29

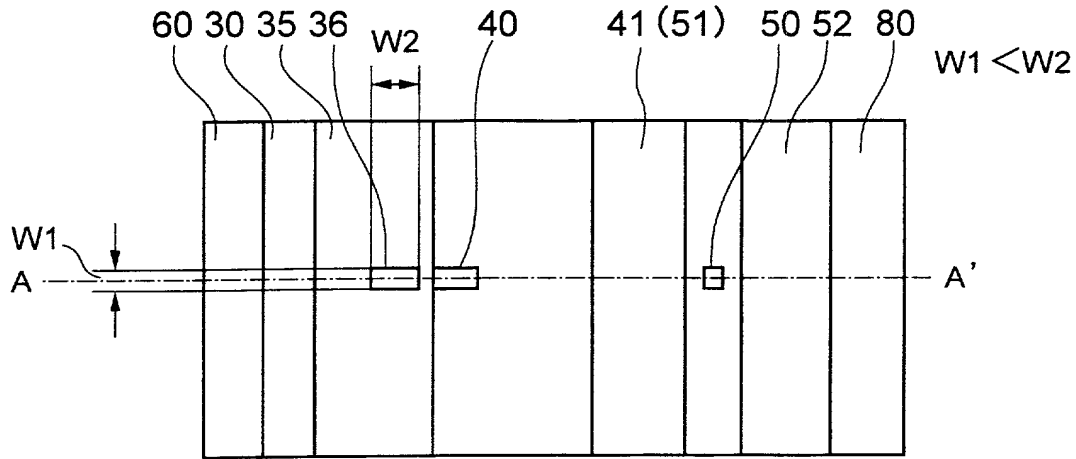


FIG. 1A

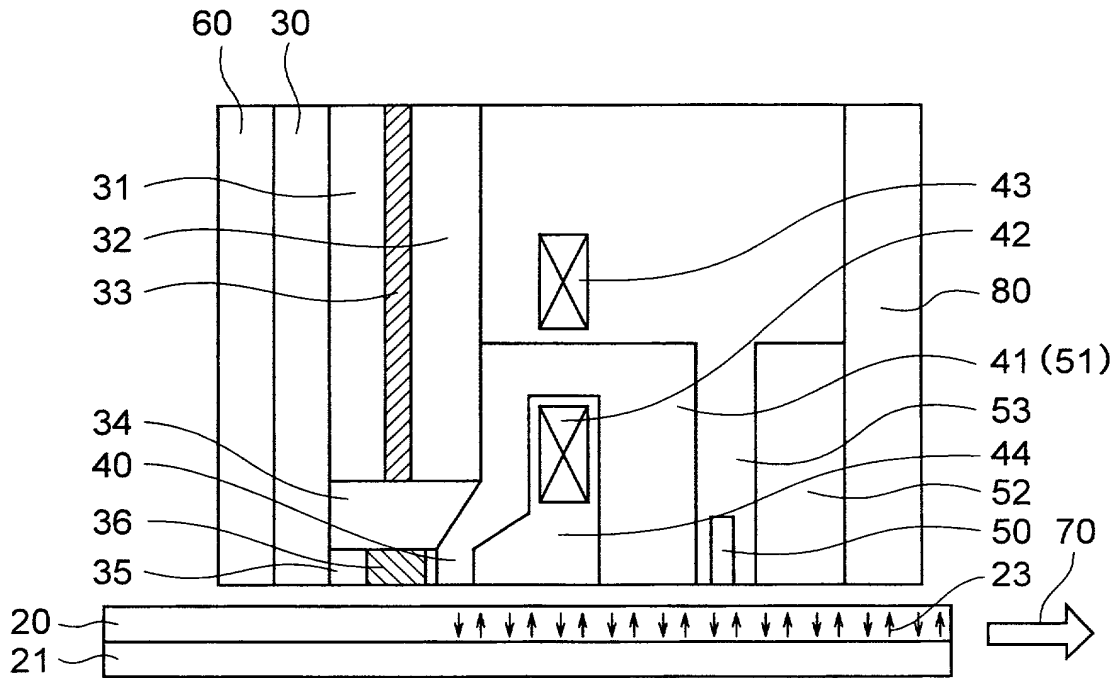


FIG. 1B

Diagram illustrating a perspective view of a substrate 10. The substrate is a rectangular block with a layered structure. The layers are labeled 30, 31, 32, and 33. A hatched region 34 is shown on the front face, containing a rectangular feature 35 with width $W2$. A circular feature 36 with diameter $W1$ is shown on the bottom face. A double-headed arrow indicates the "POLARIZING DIRECTIONS".

3/29

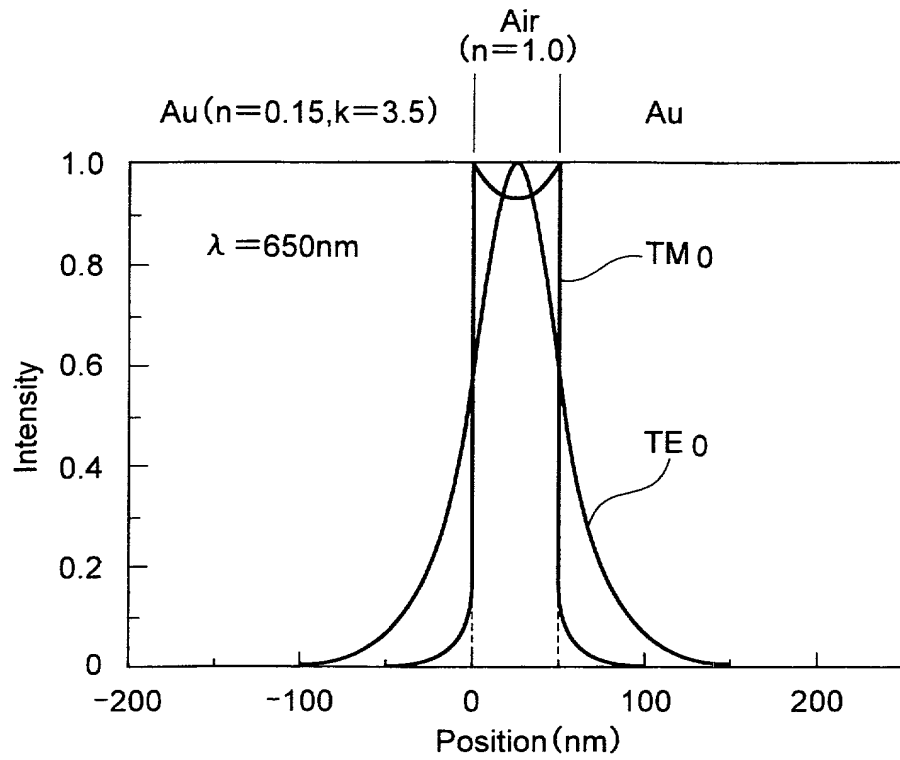


FIG. 3A

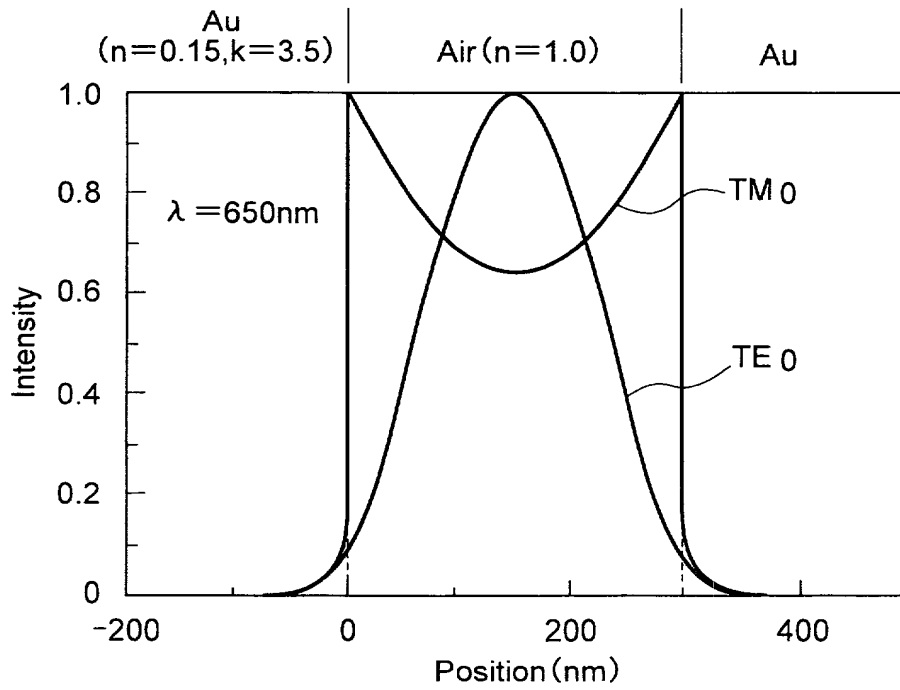


FIG. 3B

FIG. 3A

4/29

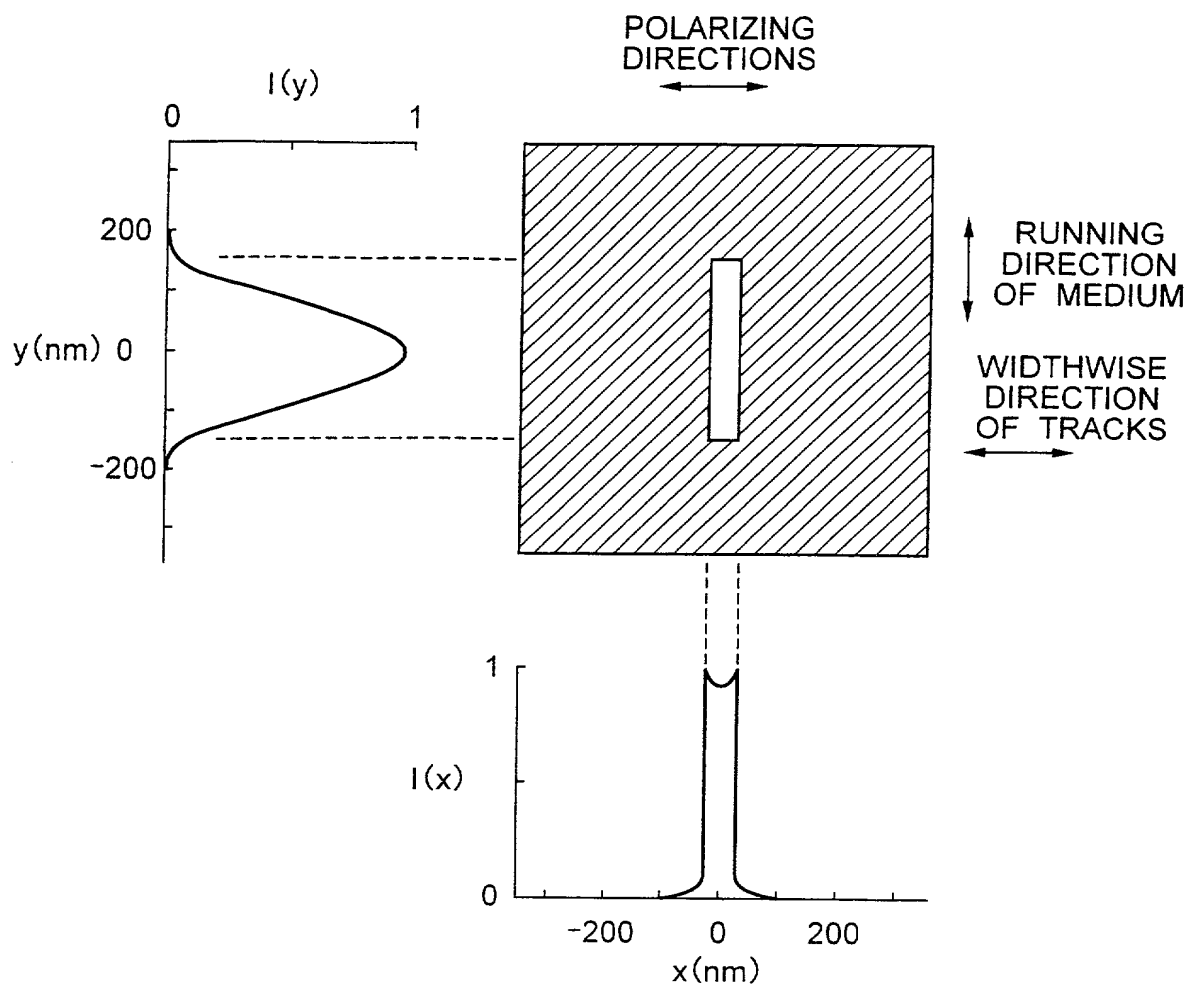


FIG. 4A

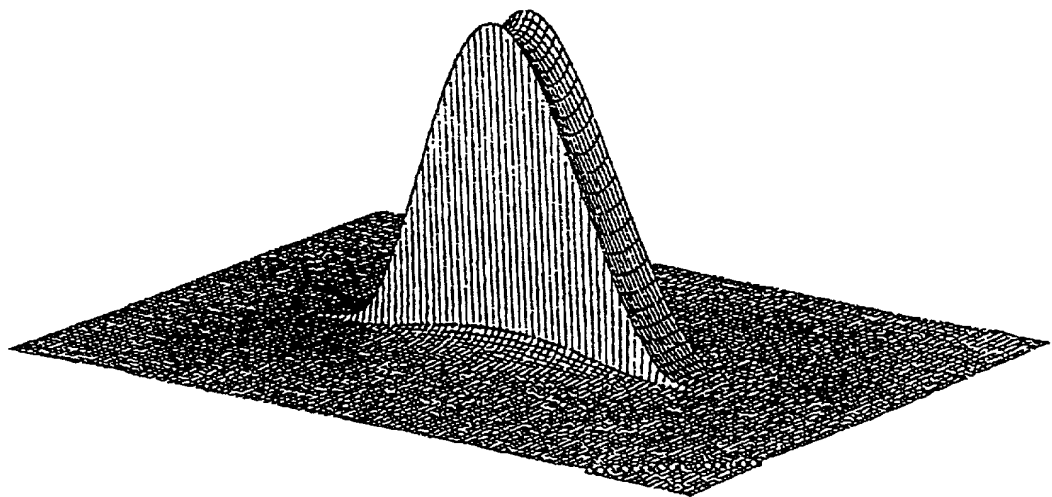


FIG. 4B

5/29

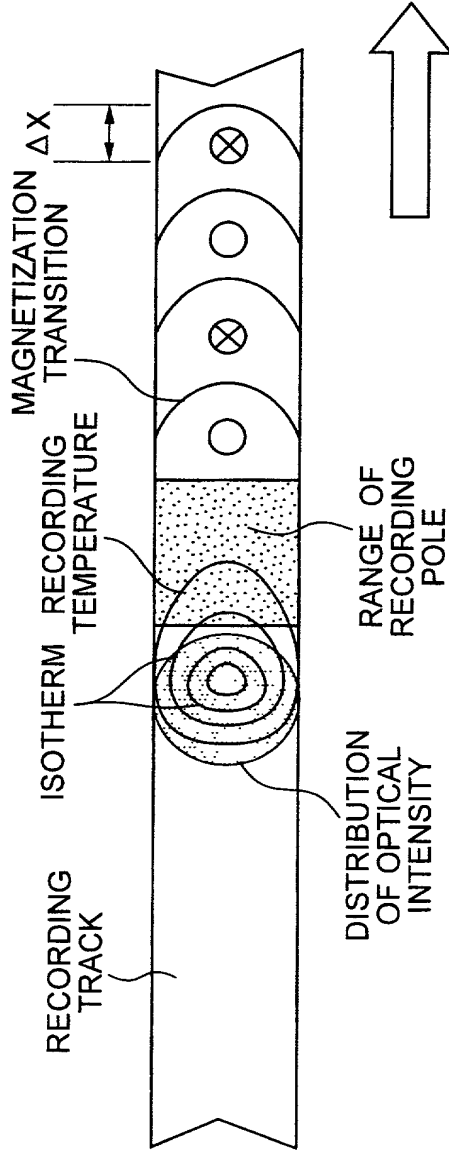


FIG. 5A

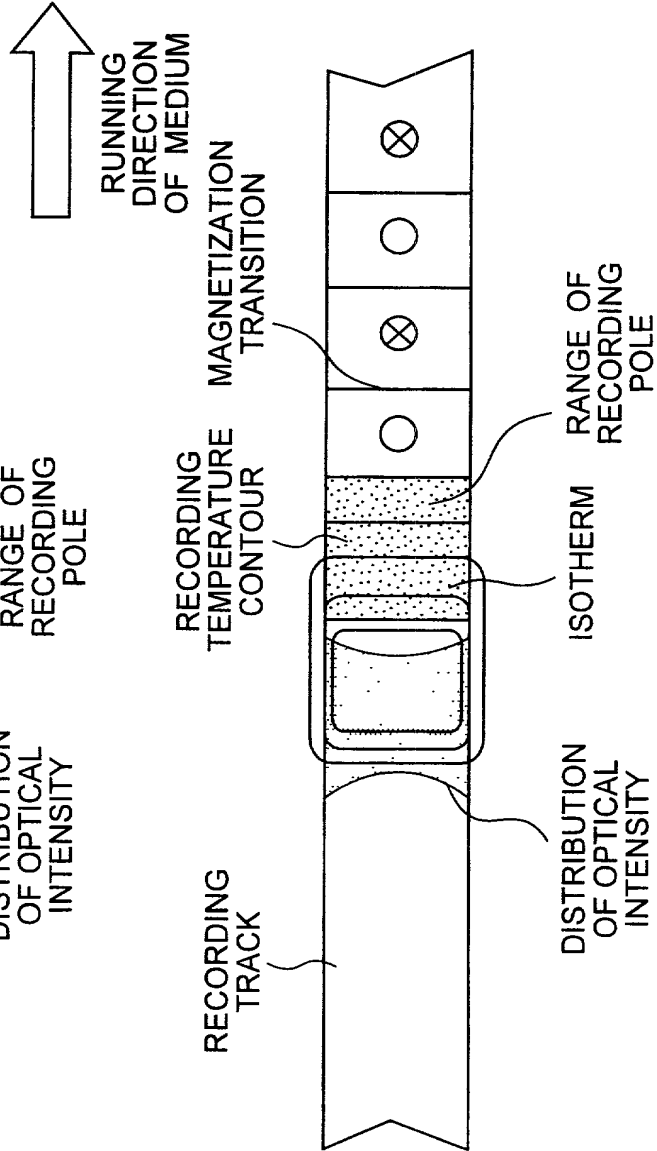


FIG. 5B

6/29

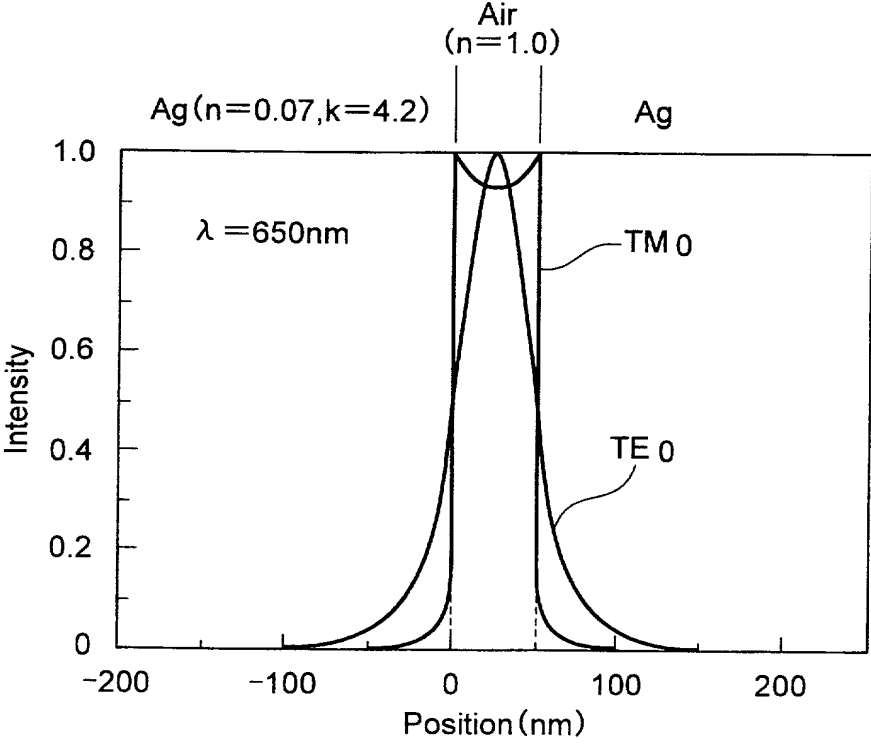


FIG. 6

7/29

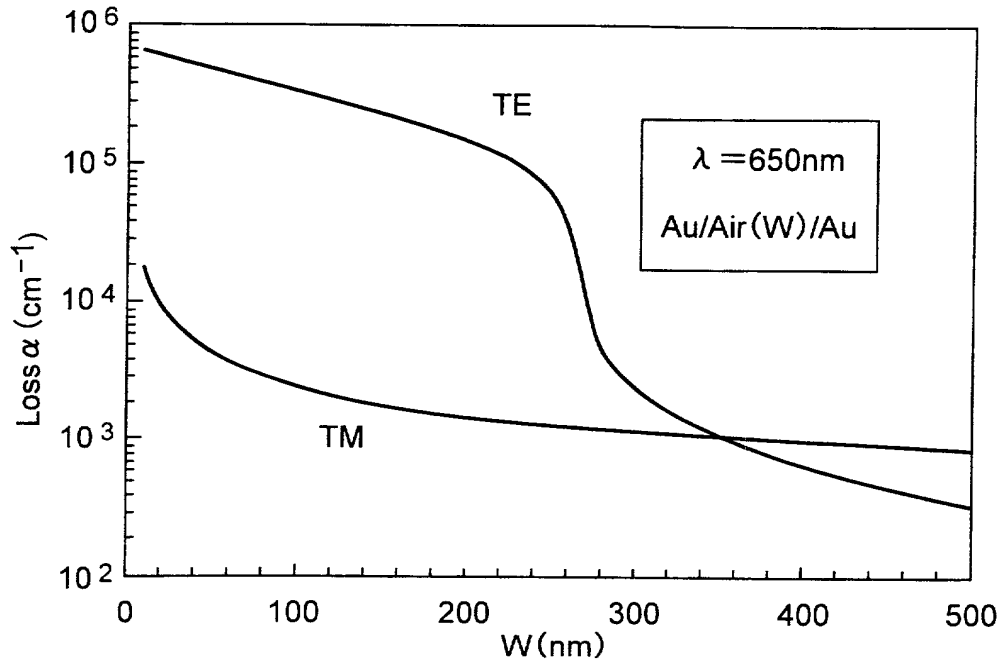


FIG. 7

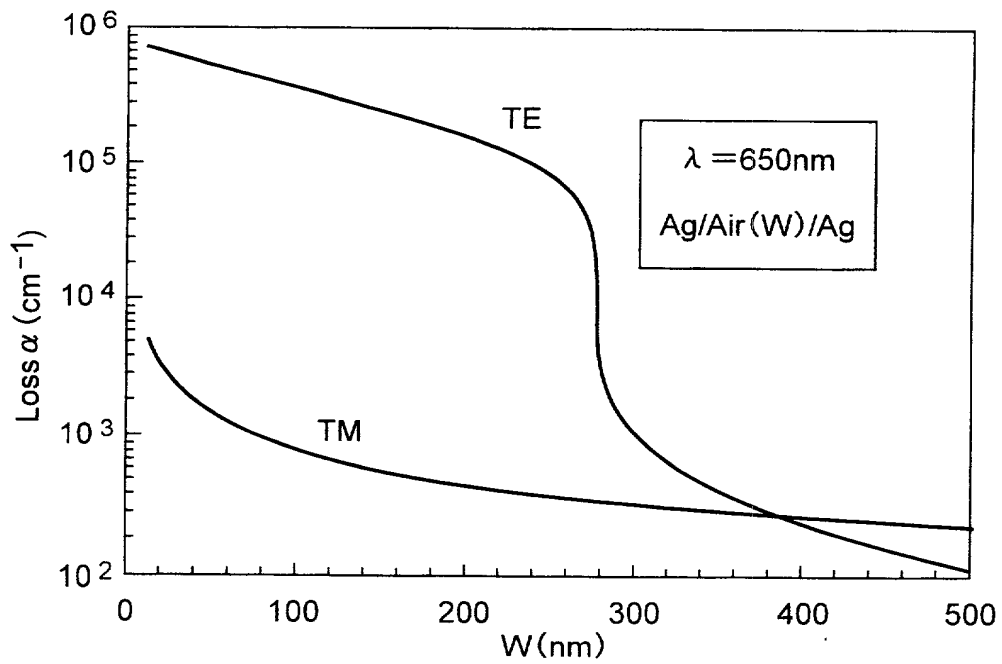


FIG. 8

8/29

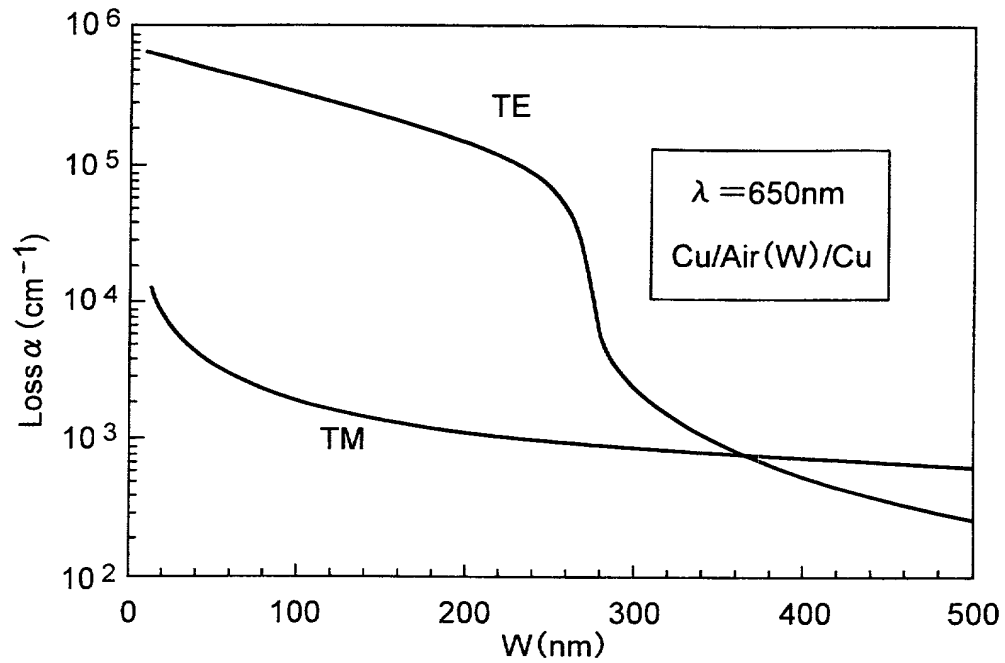


FIG. 9

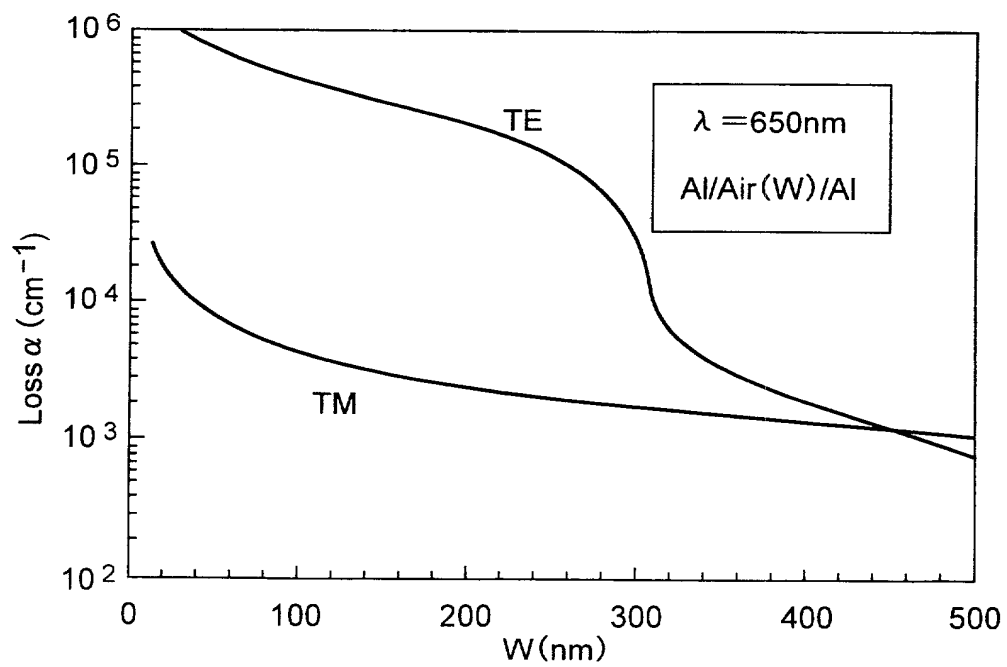


FIG. 10

9/29

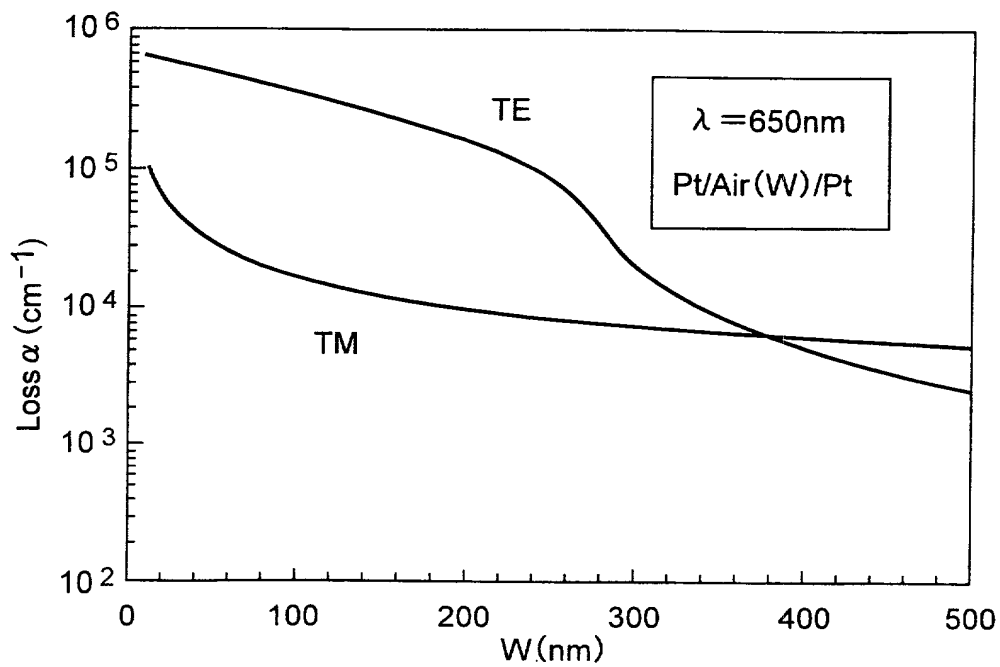


FIG. 11

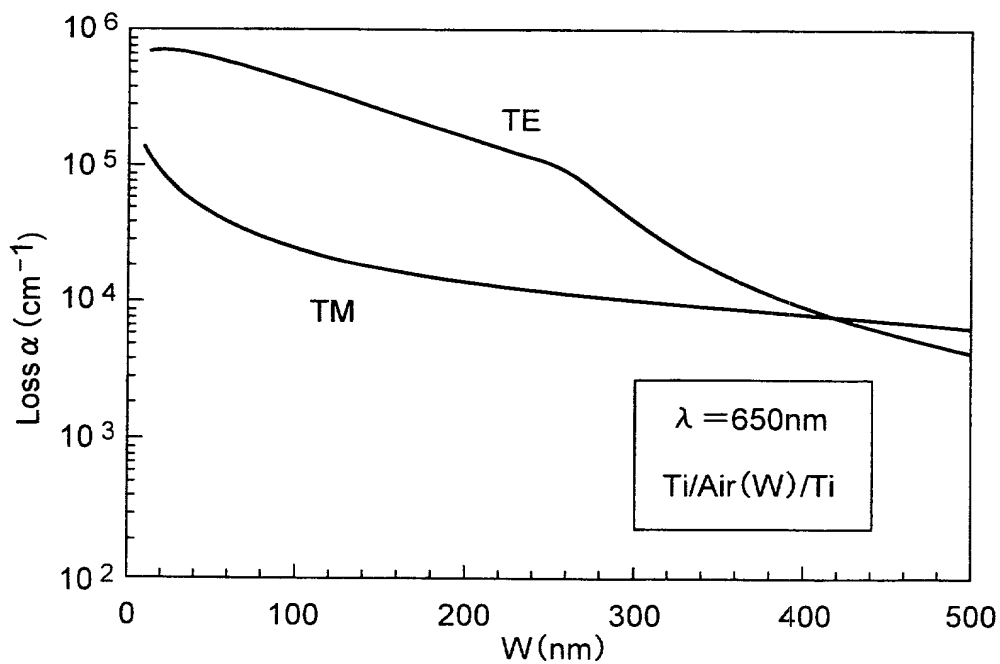
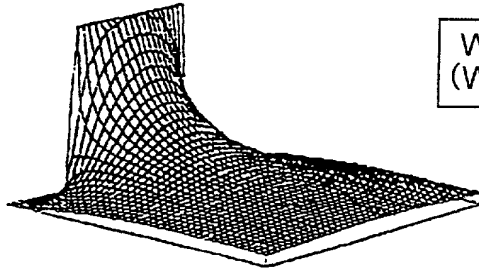


FIG. 12

10/29

FIG. 13A



W=100nm
($W/\lambda = 1/6.5$)

FIG. 13E

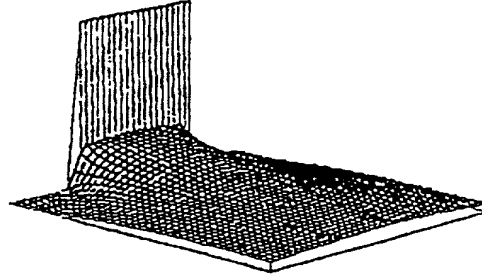
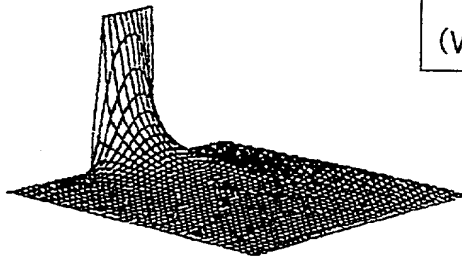


FIG. 13B



W=50nm
($W/\lambda = 1/13$)

FIG. 13F

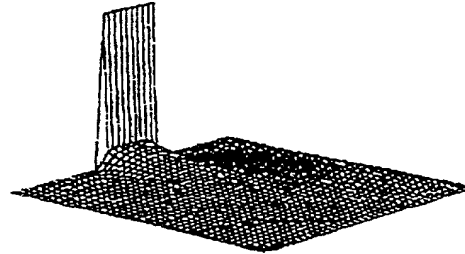
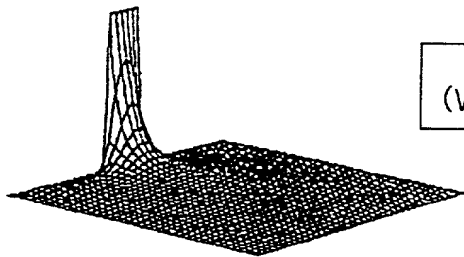


FIG. 13C



W=30nm
($W/\lambda = 1/22$)

FIG. 13G

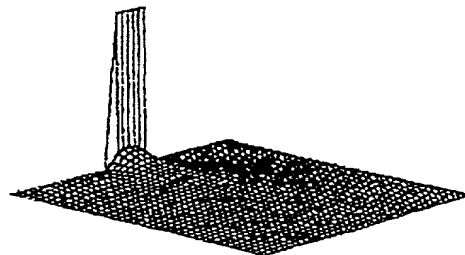
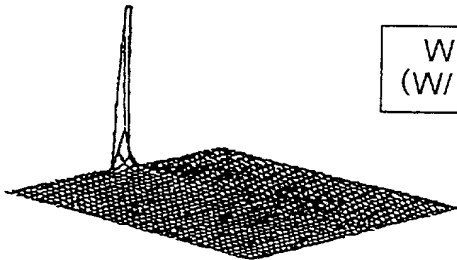
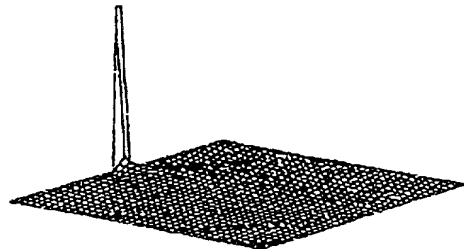


FIG. 13D



W=10nm
($W/\lambda = 1/65$)

FIG. 13H



(OPTICAL INTENSITY)

(PROPAGATING LIGHT
COMPONENTS)

FIG. 10

11/29

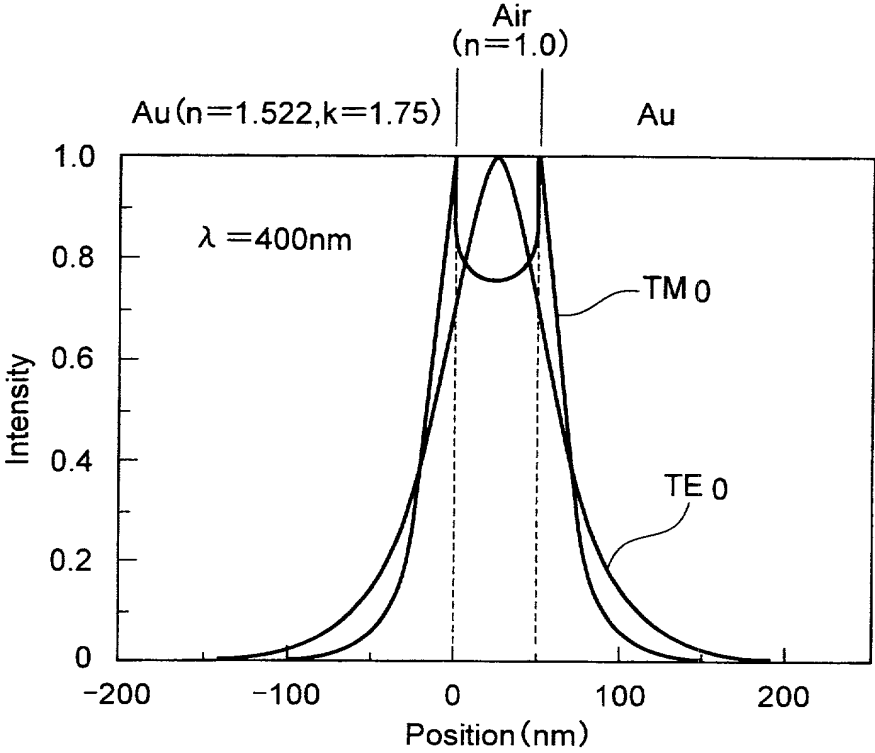


FIG. 14

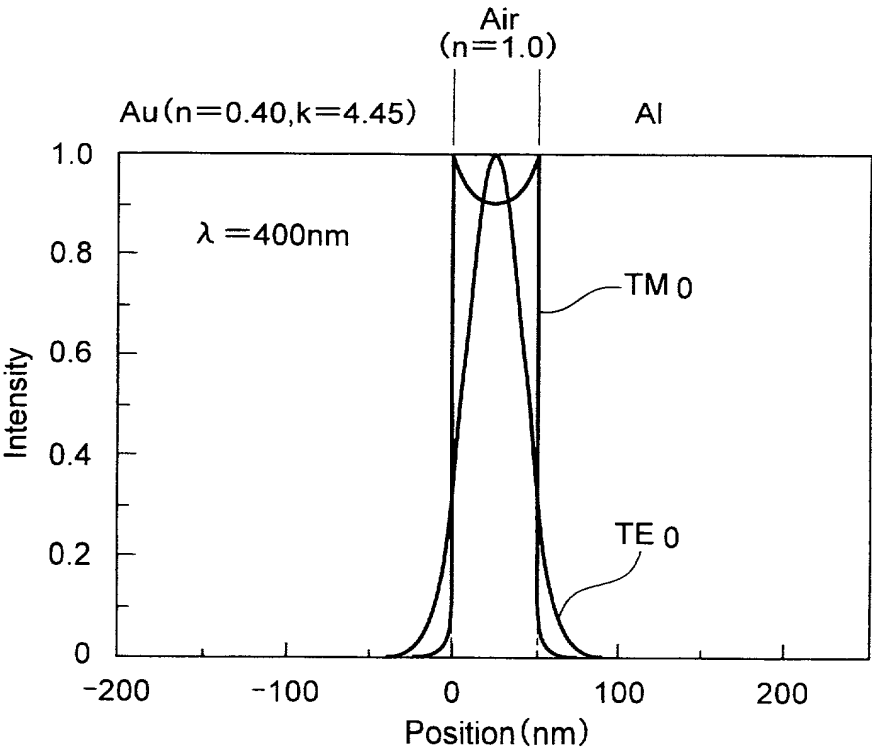


FIG. 15

12/29

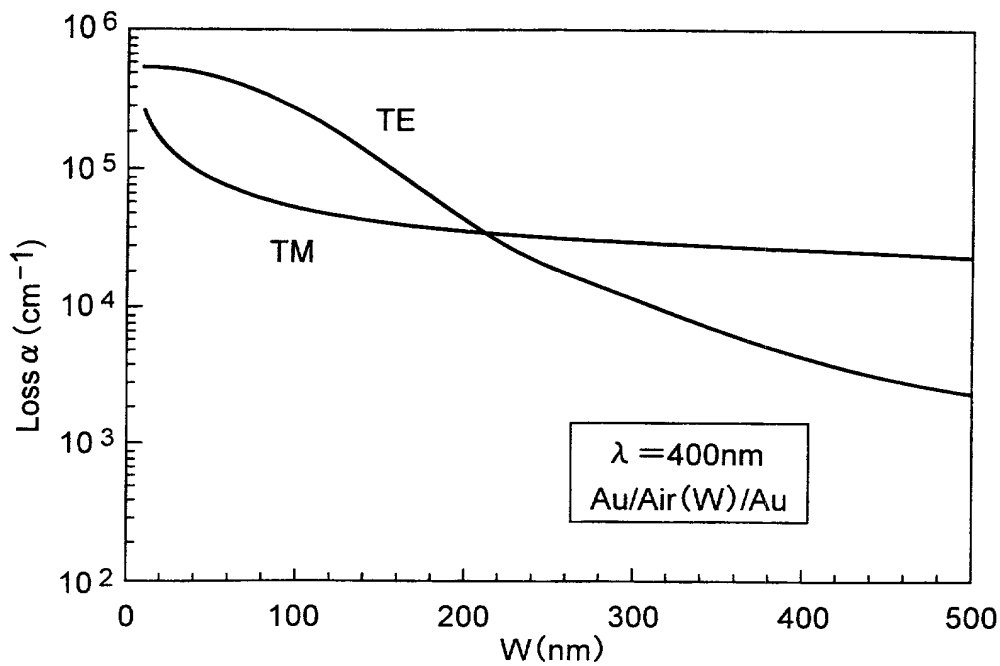


FIG. 16

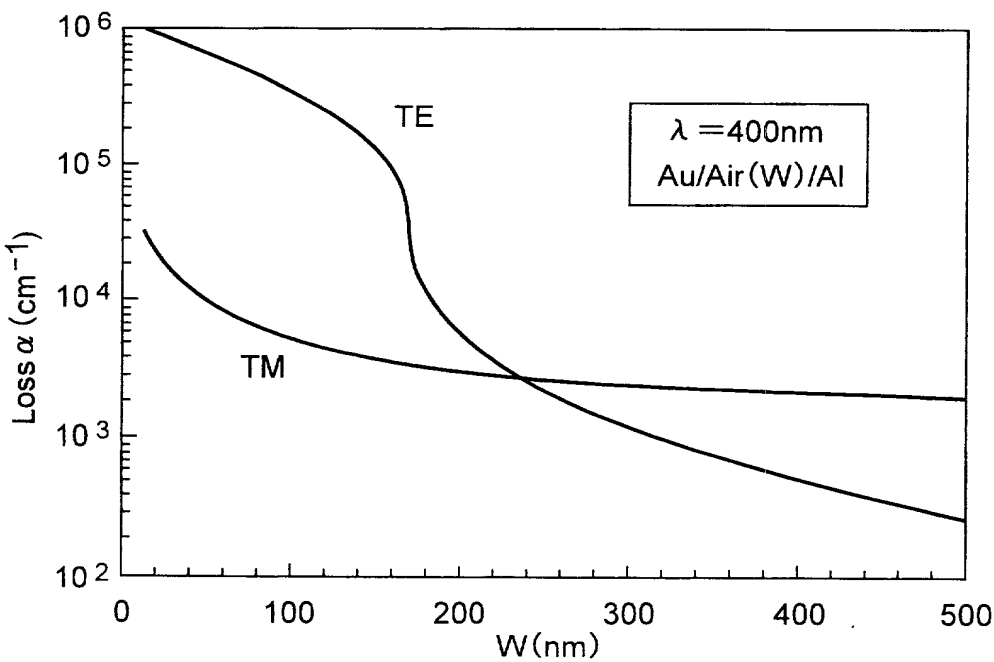


FIG. 17

13/29

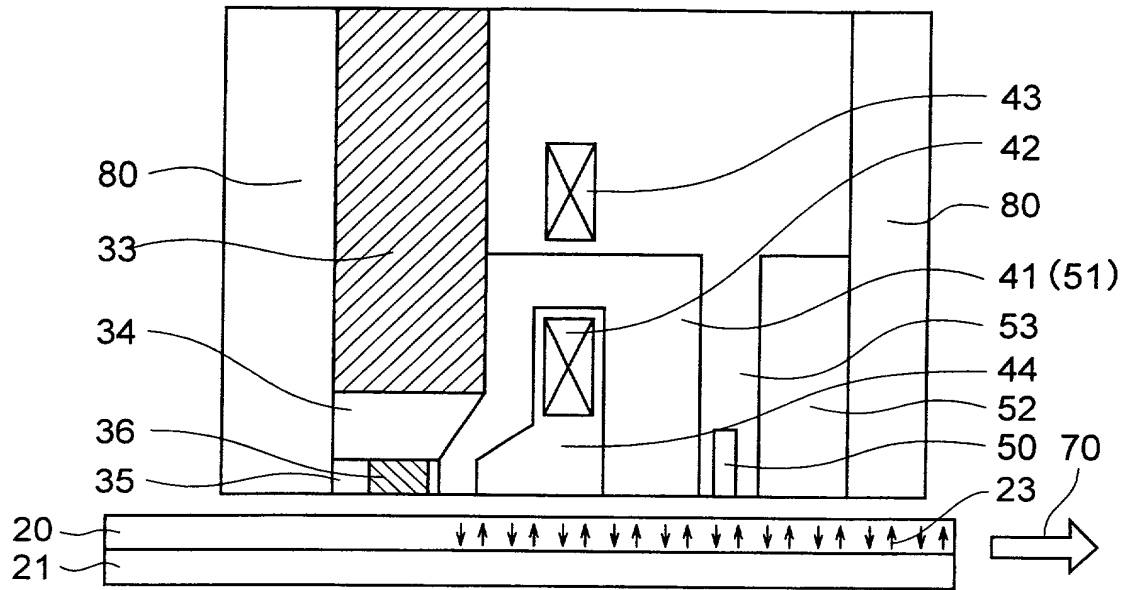


FIG. 18

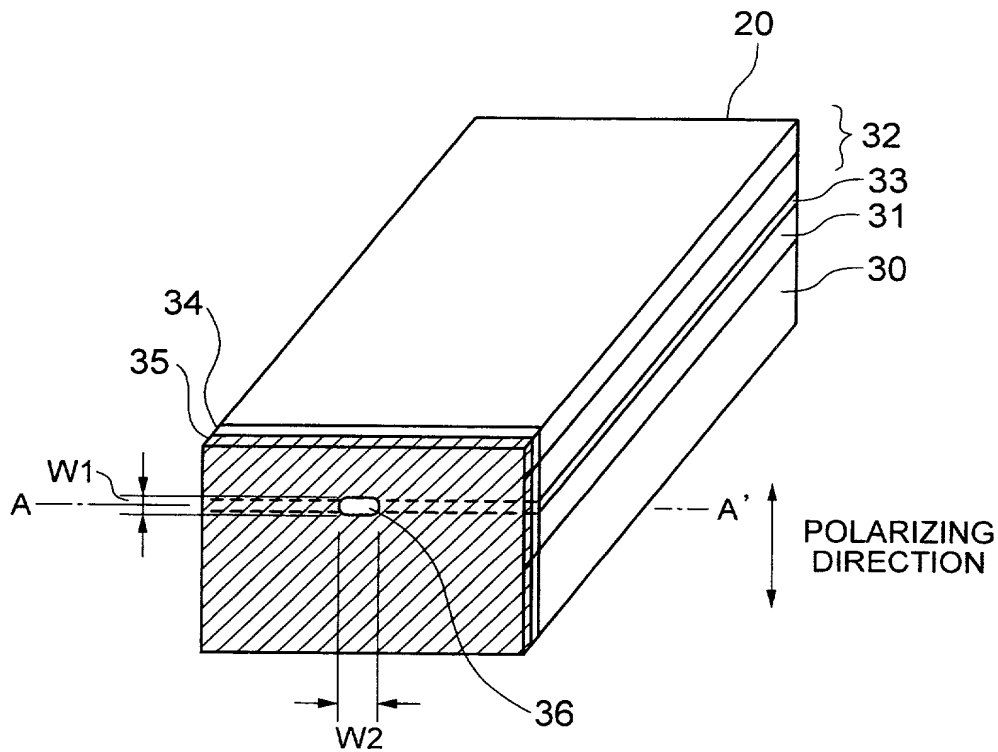


FIG. 19

14/29

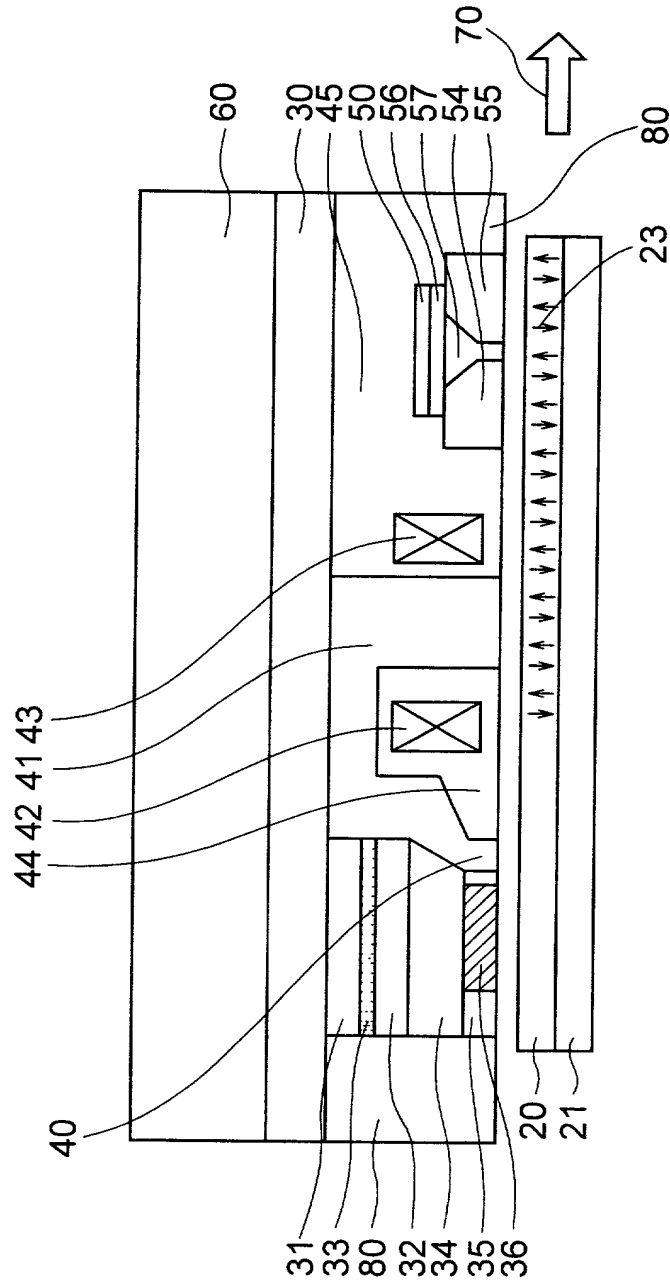


FIG. 20

15/29

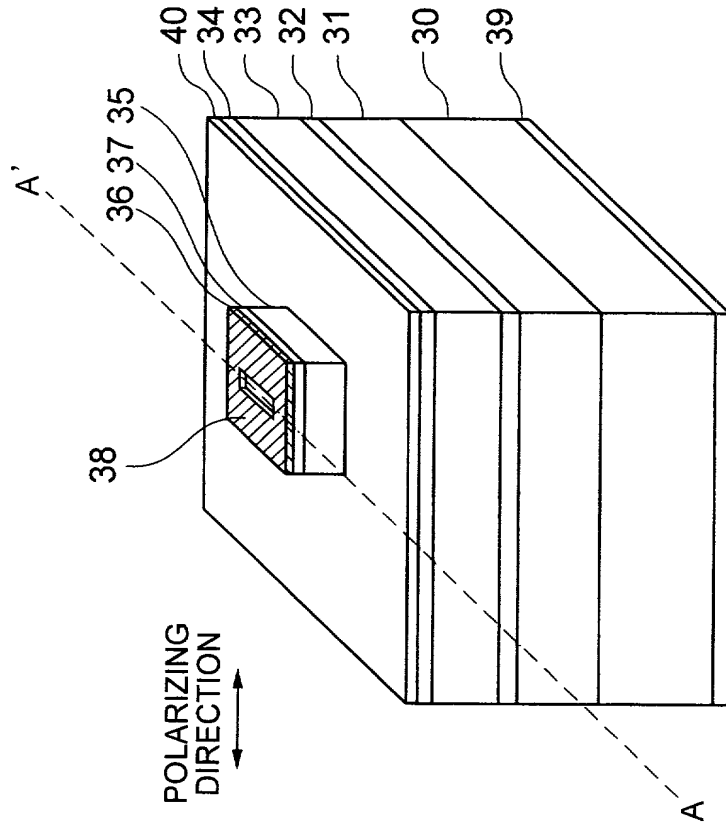


FIG. 21

16/29

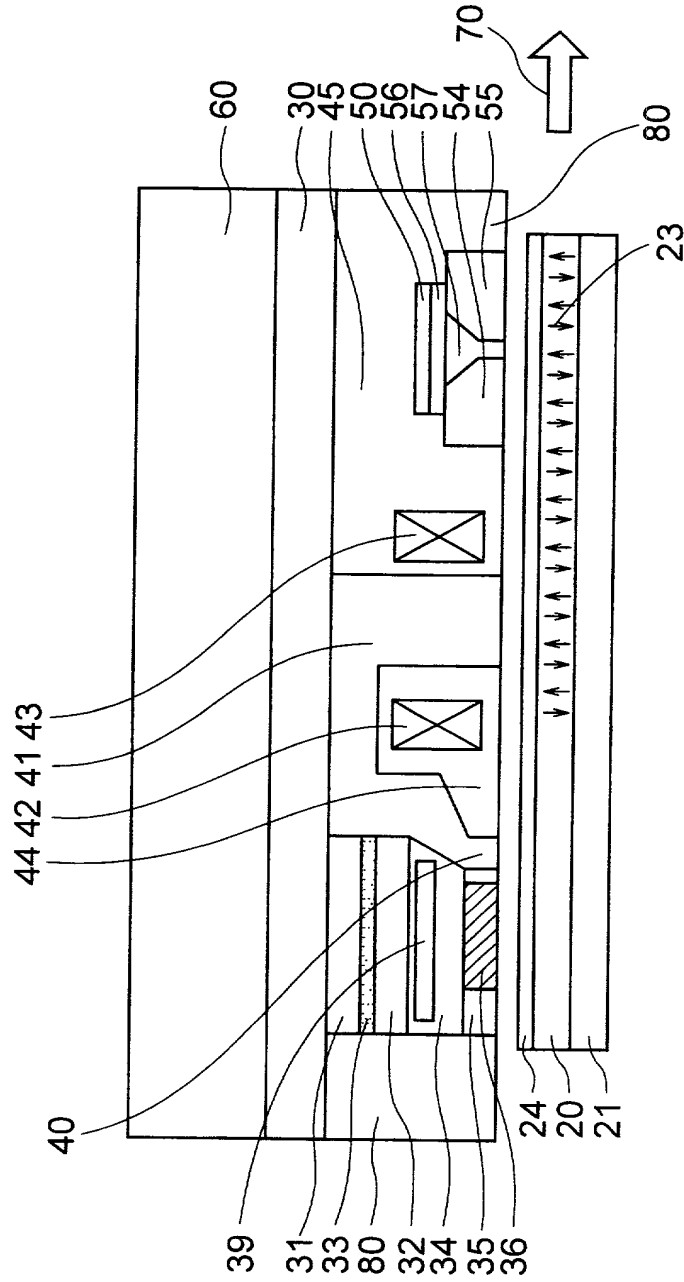


FIG. 22

17/29

FIG. 23A

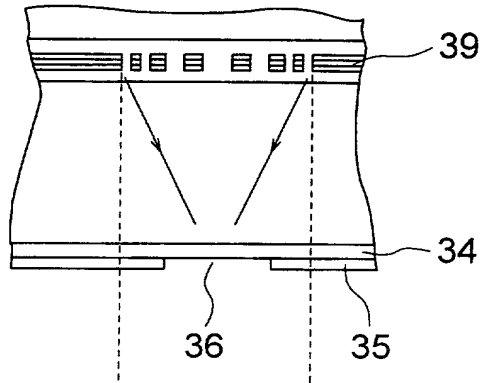
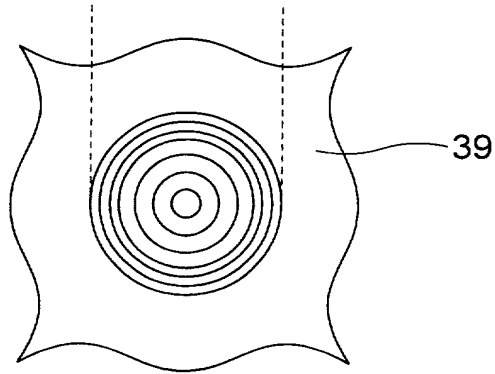


FIG. 23B



18/29

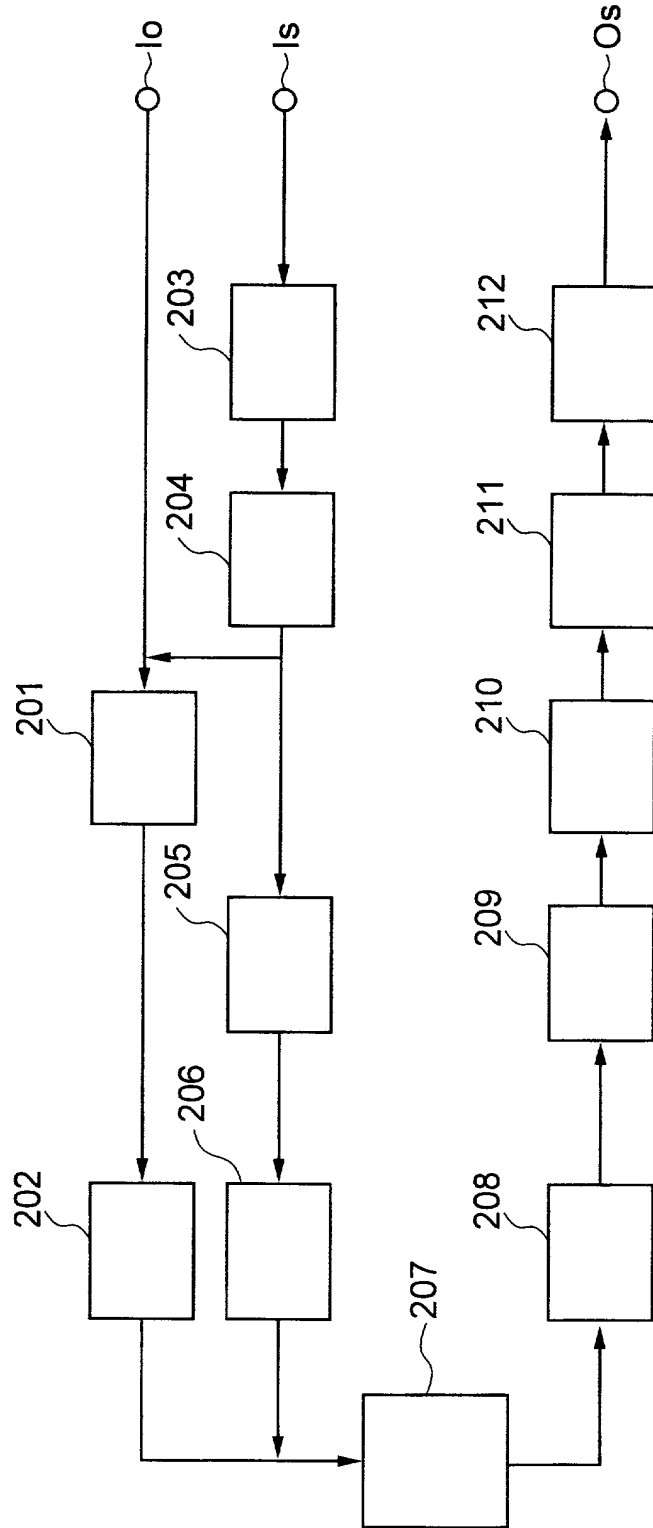


FIG. 24

19/29

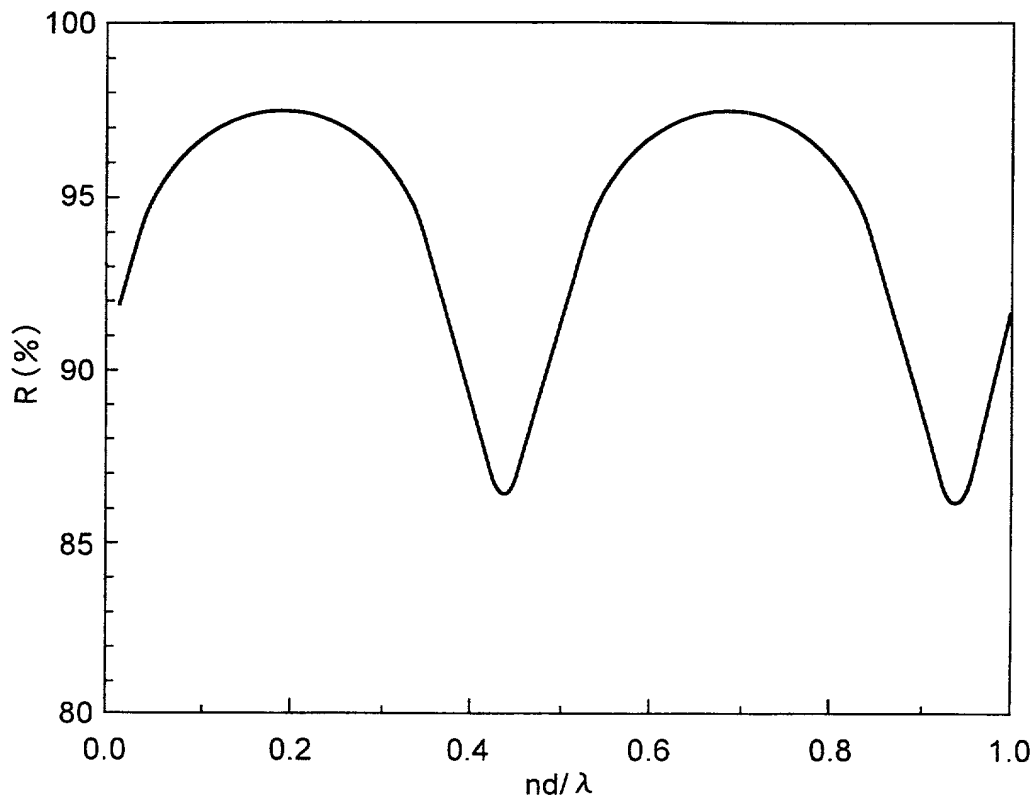


FIG. 25

FIG. 26A

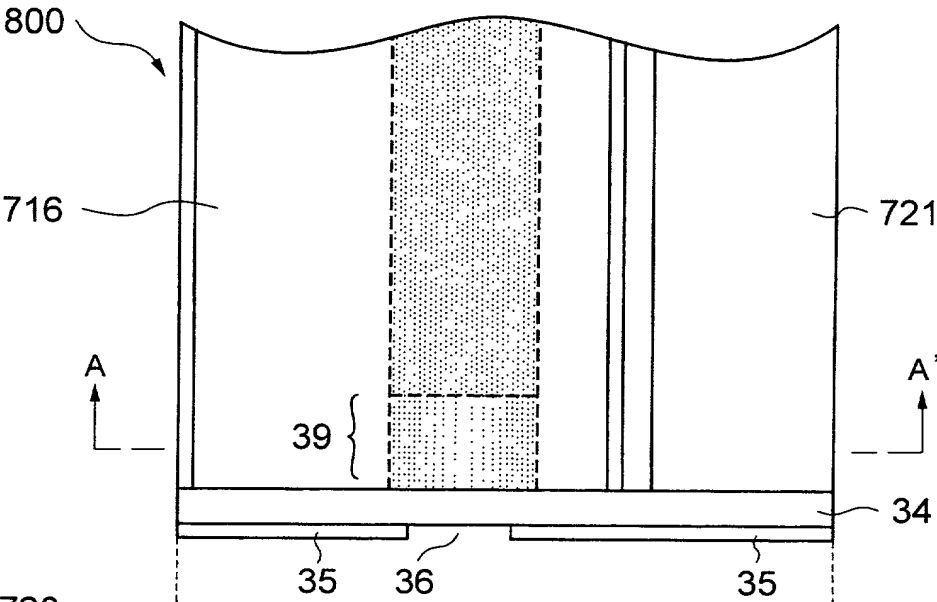


FIG. 26B

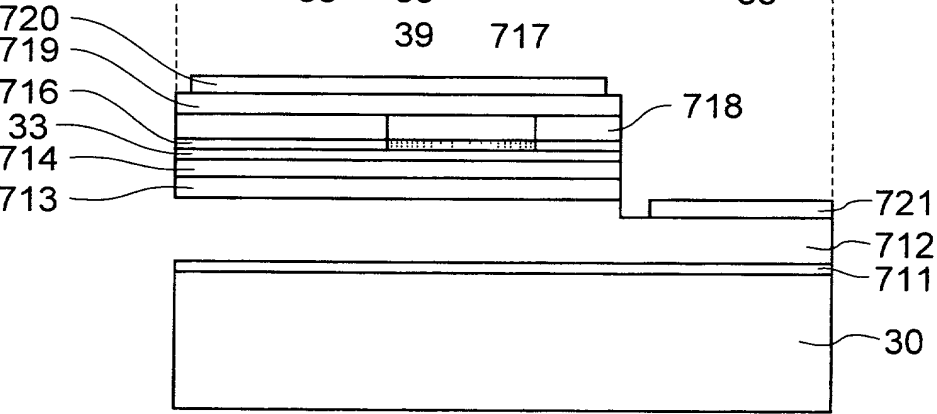
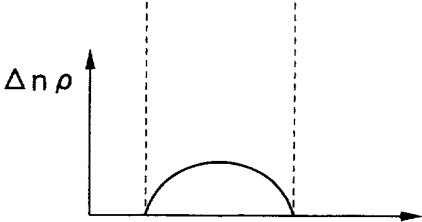


FIG. 26C



21/29

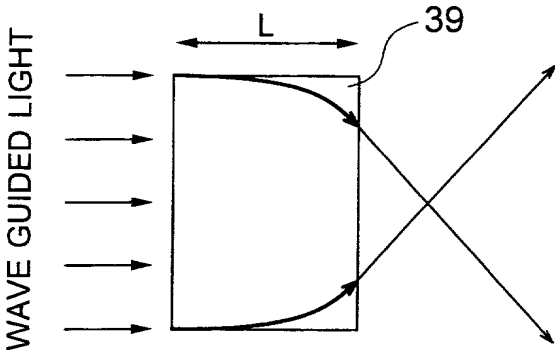


FIG. 27A

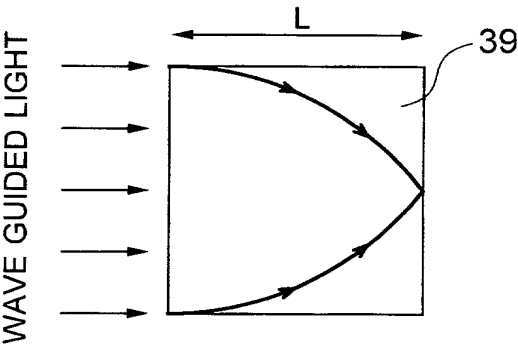


FIG. 27B

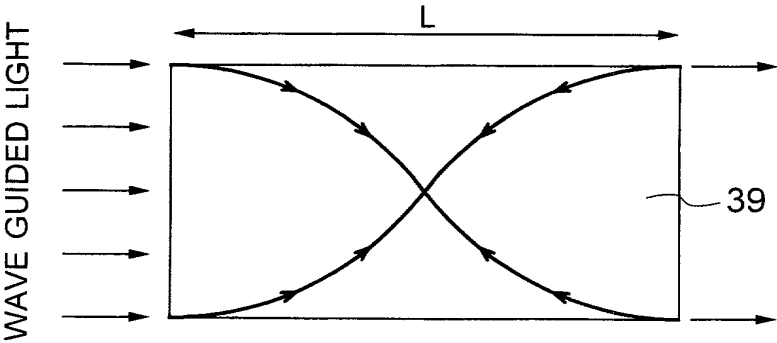


FIG. 27C

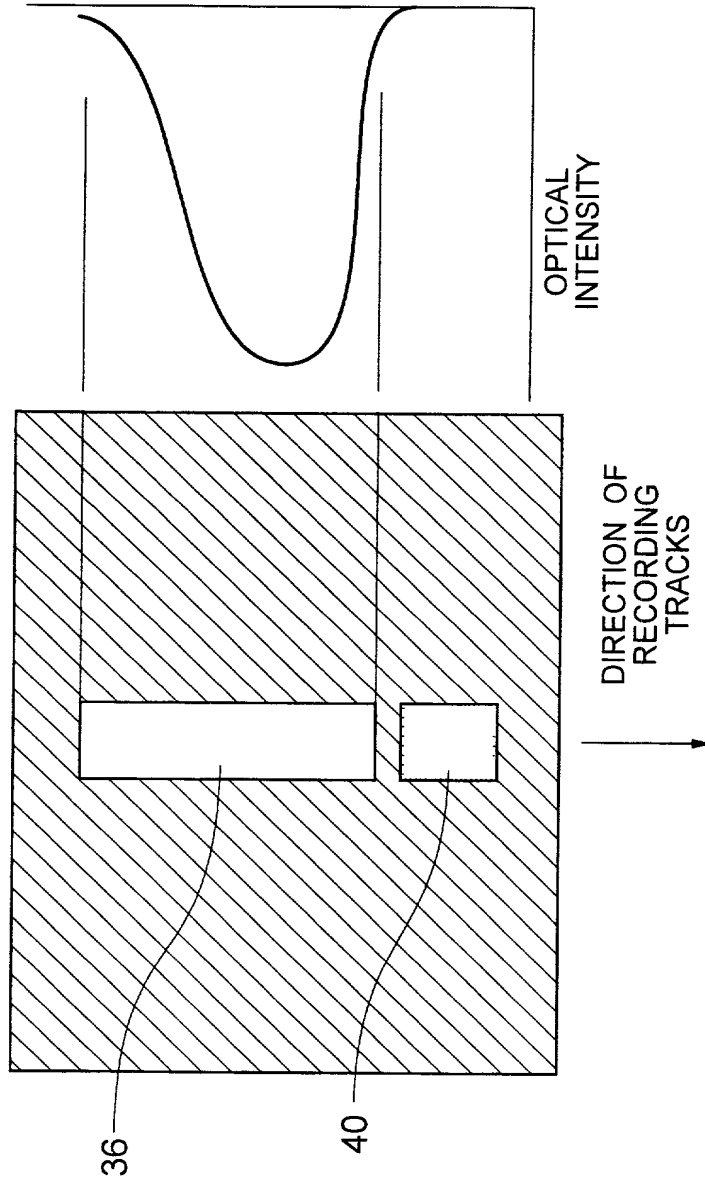


FIG. 28A

FIG. 28B

23/29

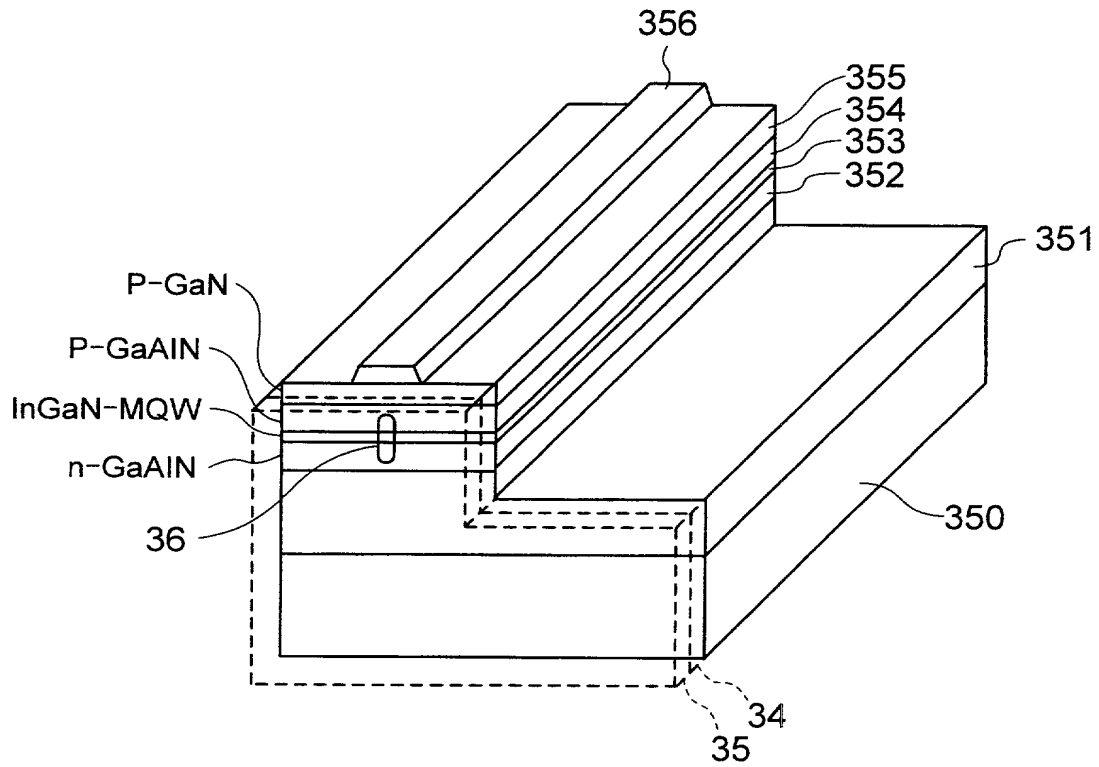
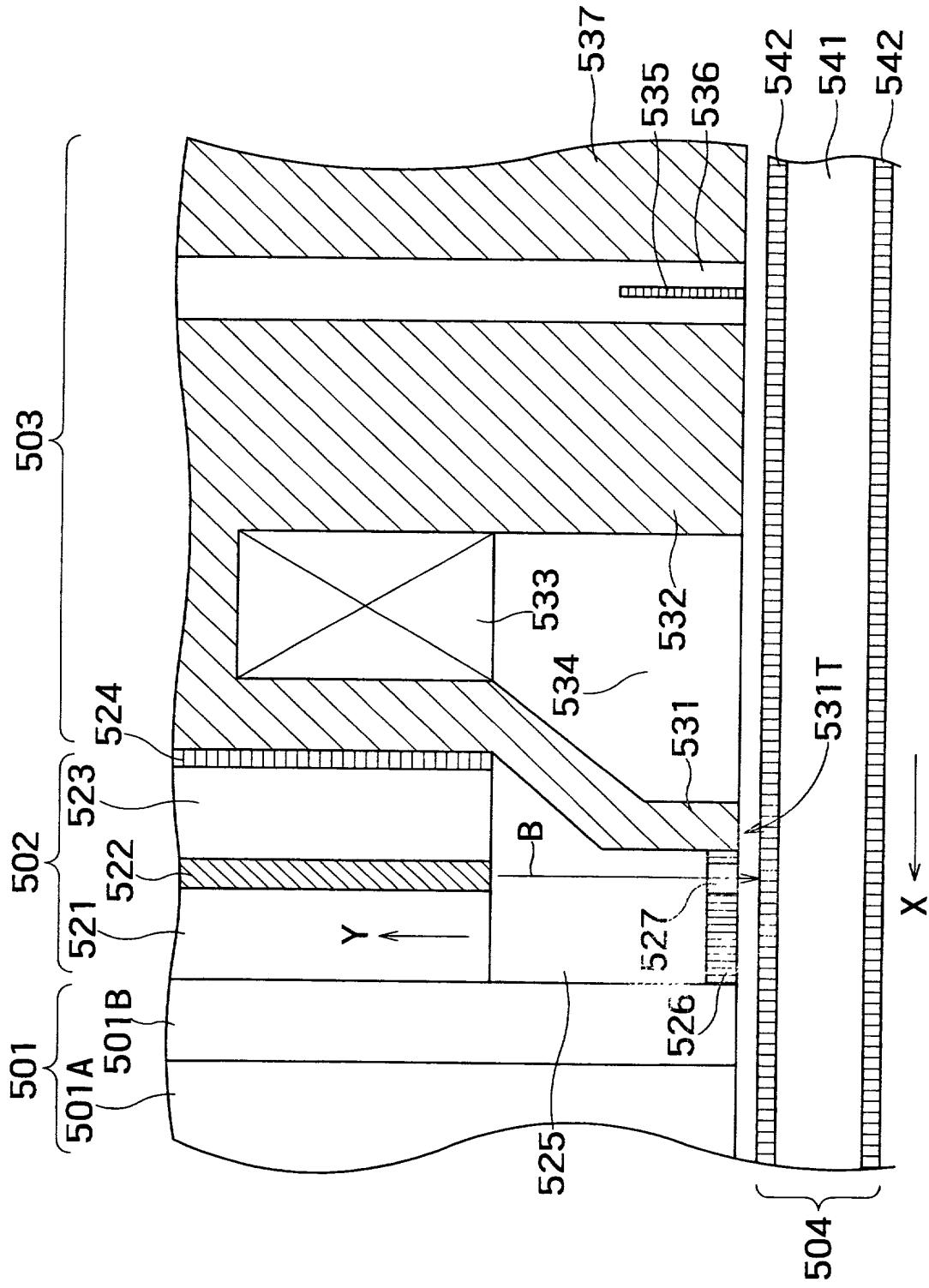


FIG.29



25/29

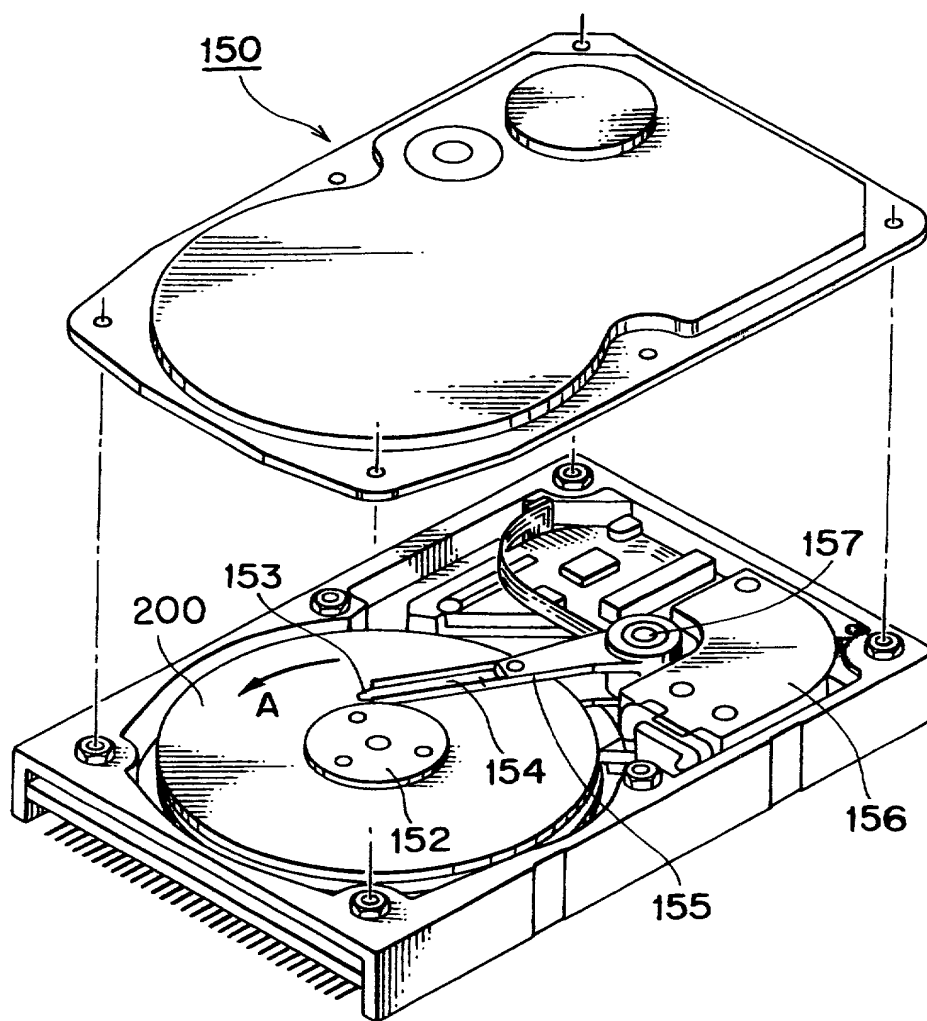


FIG.31

26/29

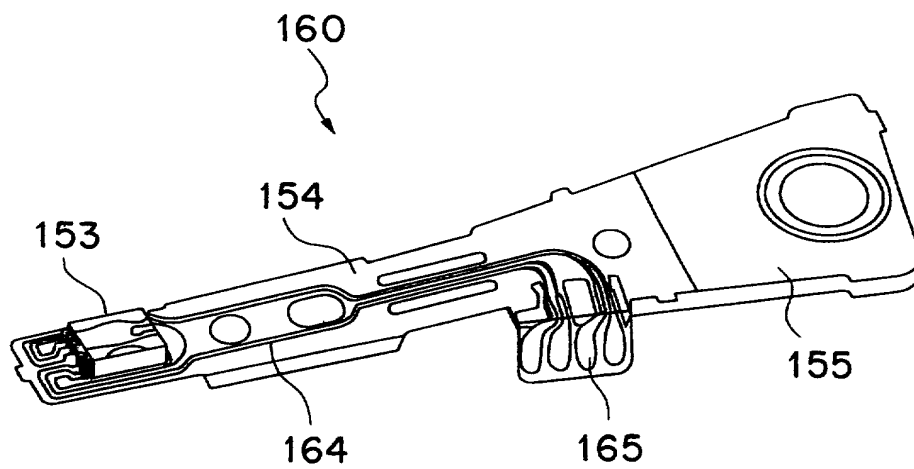


FIG.32

09729240 10/10/2020

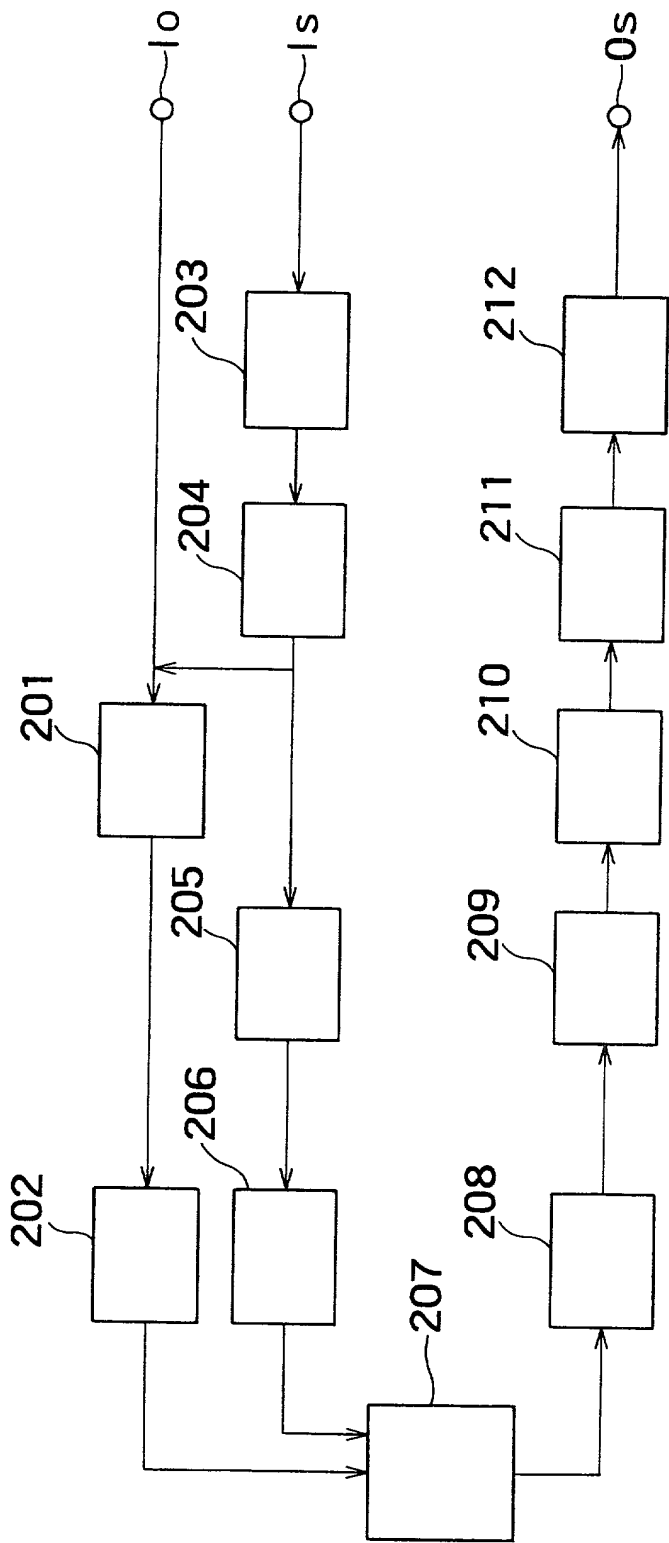


FIG.33

28/29

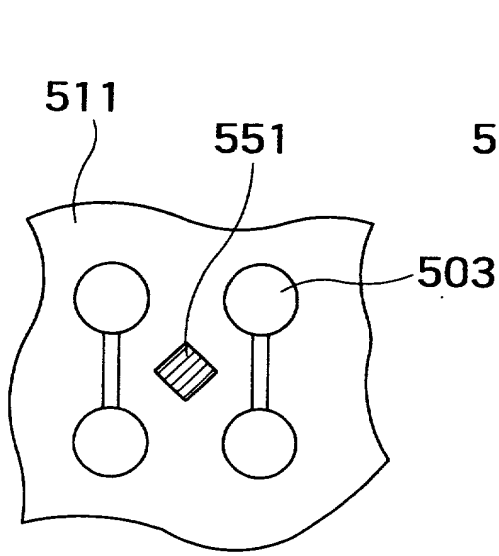


FIG. 34A

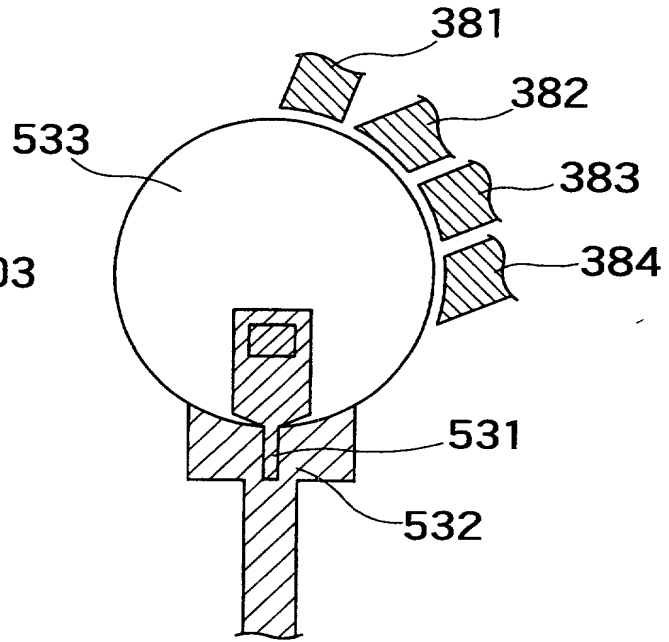


FIG. 34B

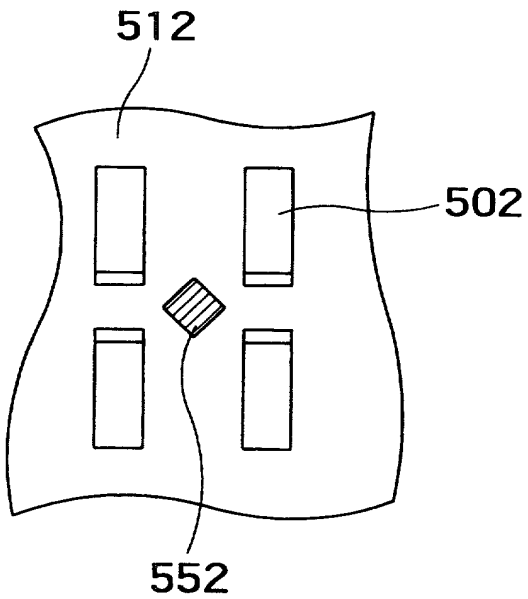


FIG. 34C

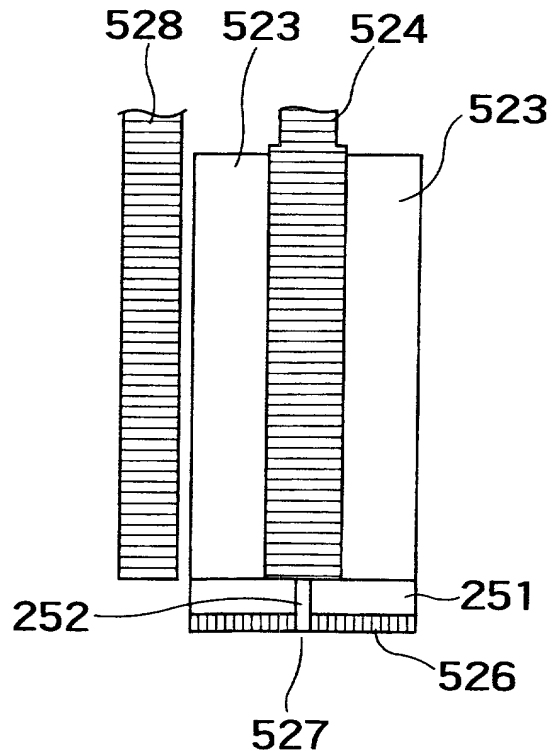


FIG. 34D

FIG. 34A

29/29

FIG.35A

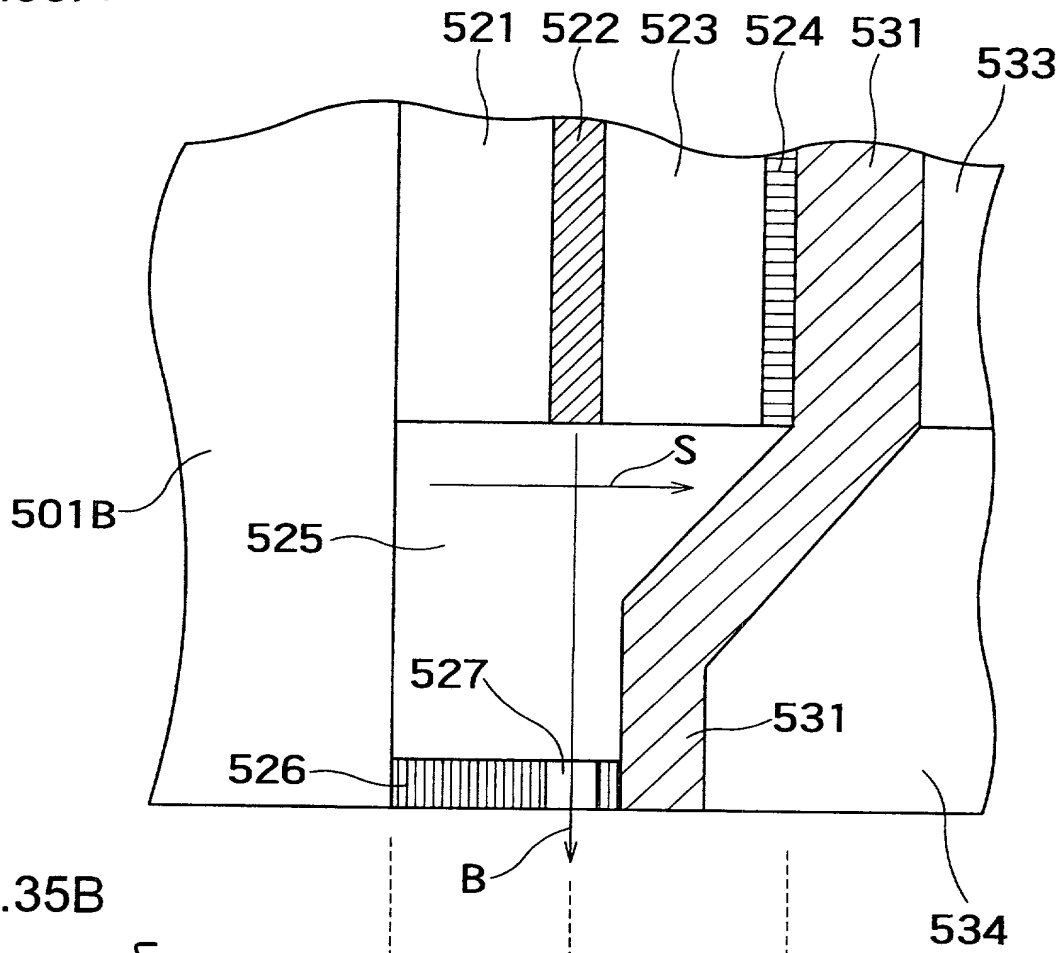


FIG.35B

